

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1875.4450000
First Inventor	Amar Guettaf
Title	See 1 in Addendum
Express Mail Label No.	n/a

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Sheets 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Authorization under 37CFR 1.136(a)(3)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number: 26111 OR ☐ Correspondence address below

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City

State

Zip Code

Country

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Fax

Name (Print/Type)

Michael D. Specht

Registration No. (Attorney/Agent)

54,463

Signature

M.D. Specht

Date

3/23/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**Addendum**  
**Attorney Docket No. 1875.4450000**

1. Methods For Debugging Scan Testing Failures Of Integrated Circuits



Robert Greene Sterne  
Edward J. Kessler  
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Michael D. Specht  
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March 23, 2004

**WRITER'S DIRECT NUMBER:**  
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**INTERNET ADDRESS:**  
MSPECHT@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Mail Stop Patent Application**

Re: U.S. Utility Patent Application  
Appl. No. (to be assigned); Filed: (herewith)  
For: **Methods for Debugging Scan Testing Failures of Integrated Circuits**  
Inventor: Guettaf, Amar  
Our Ref: 1875.4450000

Sir:

The following documents are being submitted under 37 C.F.R. § 1.53(b) herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Fee Transmittal Form (PTO/SB/17);
2. Credit Card Payment Form (PTO-2038);
3. U.S. Utility Patent Application entitled:

**Methods for Debugging Scan Testing Failures of Integrated Circuits**

and naming as inventor:

Amar Guettaf

the application consisting of:

- a. a Utility Patent Application Transmittal (PTO/SB/05);
- b. an Application Data Sheet (37 C.F.R. § 1.76);
- c. a copy of an original executed Declaration for Patent Application;
- d. a specification containing:
  - i. 16 pages of description prior to the claims;

- ii. 5 pages of claims (28 claims);
  - iii. a one (1) page abstract; and
  - e. 6 sheets of drawings (Figures 1-6);
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
  - 5. Recordation Form Cover Sheet (PTO-1595);
  - 6. A copy of an original executed Assignment to Broadcom Corporation; and
  - 7. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael D. Specht  
Attorney for Applicant  
Registration No. 54,463

PEG/MDS/mlb  
Enclosure  
243234\_1.DOC

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2004</h2> <p style="font-size: small; margin: 0;">Effective 10/01/2003. Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number (to be assigned)	
		Filing Date (herewith)	
		First Named Inventor Amar Guettaf	
		Examiner Name (to be assigned)	
		Art Unit (to be assigned)	
TOTAL AMOUNT OF PAYMENT (\$)		954.00	
		Attorney Docket No. 1875.4450000	

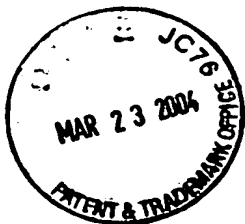
<b>METHOD OF PAYMENT (check all that apply)</b> <input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other** <input type="checkbox"/> None <input checked="" type="checkbox"/> **Charge any deficiencies or credit any overpayments in Deposit Account: <u>the fees to Deposit Acct. No. 19-0036</u> Deposit Account Number: <u>19-0036</u> Deposit Account Name: <u>Sterne Kessler, Goldstein &amp; Fox P.L.L.C.</u> The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				<b>FEE CALCULATION (continued)</b>																																																																																																																																																															
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<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>28 - 20 ** = 8</td> <td>8</td> <td>18.00</td> <td>144.00</td> </tr> <tr> <td>2 - 3 ** = 0</td> <td>0</td> <td>86.00</td> <td>0.00</td> </tr> <tr> <td colspan="3"></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202 18</td><td>2202 9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201 86</td><td>2201 43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203 290</td><td>2203 145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204 86</td><td>2204 43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205 18</td><td>2205 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>(\$)</b> 144.00</td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number previously paid, if greater; For Reissues, see above</p>				Total Claims	Extra Claims	Fee from below	Fee Paid	28 - 20 ** = 8	8	18.00	144.00	2 - 3 ** = 0	0	86.00	0.00					Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1202 18	2202 9	Claims in excess of 20		1201 86	2201 43	Independent claims in excess of 3		1203 290	2203 145	Multiple dependent claim, if not paid		1204 86	2204 43	** Reissue independent claims over original patent		1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>			<b>(\$)</b> 144.00																																																																																																																				
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<b>SUBMITTED BY</b> (Complete if applicable)			
Name (Print/Type)	Michael D. Specht	Registration No. (Attorney/Agent)	54,463
Signature	<i>Michael D. Specht</i>	Telephone	(202) 371-2600
		Date	3/23/04

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Guettaf, Amar

Appl. No.: (to be assigned)

Filed: (herewith)

For: **Methods for Debugging Scan  
Testing Failures of Integrated  
Circuits**

Confirmation No.: (to be assigned)

Art Unit: (to be assigned)

Examiner: (to be assigned)

Atty. Docket: 1875.4450000

**Authorization to Treat a Reply as Incorporating an  
Extension of Time Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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Date: 3/23/04

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